

Technical Data Sheet

WALL PROTECT PLUS Interior & Exterior Elastomeric Coating

SHOOLIN

DESCRIPTION

WALL PROTECT PLUS is a special acrylic polymer based Decorative & water proof coating. It has excellent flexibility and thixotropic nature, is ideal for use on vertical as well as horizontal surfaces. It is use on Interior & exterior application. Due to its white Color, it has excellent solar insulation capacity. It doesn't contain Lead or Mercuric compound.

FEATURES / ADVANTAGES

- Life and durability of the structure is increased.
- Easy application, no machinery required.
- Light weight compared to conventional roofing systems, thereby loading on the roofs is reduced.
- Provides seamless and joint free seal throughout the surface, which is impervious to water.
- Lower labor cost due to easy, simple and quick application, leading to quick completion and time saving.
- Provides insulation due to solar reflection.
- Excellent bonding to most building materials.

APPLICATIONS

- It is suitable for interior and exterior Decorative coating.
- Excellent Weather Resistance protects surface against the extremes.
- Suitable for horizontal as well as vertical surfaces
- Application of New as well as old surfaces.
- Non-yellowing and fade resistant
- Water proofing of flashing, roof edgings, gulley, steeply pitched designs, etc.
- Excellent Adhesion to a wide variety of substrates
- WALL PROTECT PLUS is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded plates, para obloids, corrugated sheets, etc.
- 100% Acrylic emulsion forms a breathable film that resists blistering and peeling caused by moisture.

APPLICATION INSTRUCTIONS

Surface should be free from oil, grease and loose particles. In case of metal surface remove rust and contamination. Mix well the container. Apply primer coat of WALL PROTECT PLUS i. e. 25% - 30% diluted with water by brush, or roller. After the primer coat, Apply two finishing coats to achieve a closed film and solid colour. It is very important to ensure each coat is totally cured (i.e. 6 to 8 hours at 30oC) before the next coat is applied.

WALL PROTECT PLUS can be diluted with water (5-10%) for easy application if required.

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CLEANING

All brushes and tools should be cleaned by water immediately after use.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn

- **INHALATION**

Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

- **SKIN CONTACT**

Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

- **INGESTION**

Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not

- **EYE CONTACT**

Flush eyes with water for 15 minutes and call for medical help.

COVERAGE

Coverage depend upon the nature of the surface to be applied.

But on average, smooth surface will give 30 ± 3 sq ft per kg for a 2 coat application. Two coats will give approximately 300 to 400 microns dry film thickness

STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30 C

PACKING

WALL PROTECT PLUS is available in 1 kg, 5kg, 20 kg. & 50kg.

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TECHNICAL DATA

Parameters	Values
Appearance	Viscous Liquid
Solid %	60 ± 5
Color	White
Viscosity (Spindle No: 7; RPM : 10 @ 25° C)	18000 ± 2000 cps
Specific Gravity	1.35 ± 0.10
Coat thickness	Approx. 500 microns wet film
Curing time @ 20° C	Approx. 12 hours
Application temperature	+5° C minimum
UV Resistivity	Good
Flash point	Non – Flammable
Drying Time	20 – 30 minutes

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